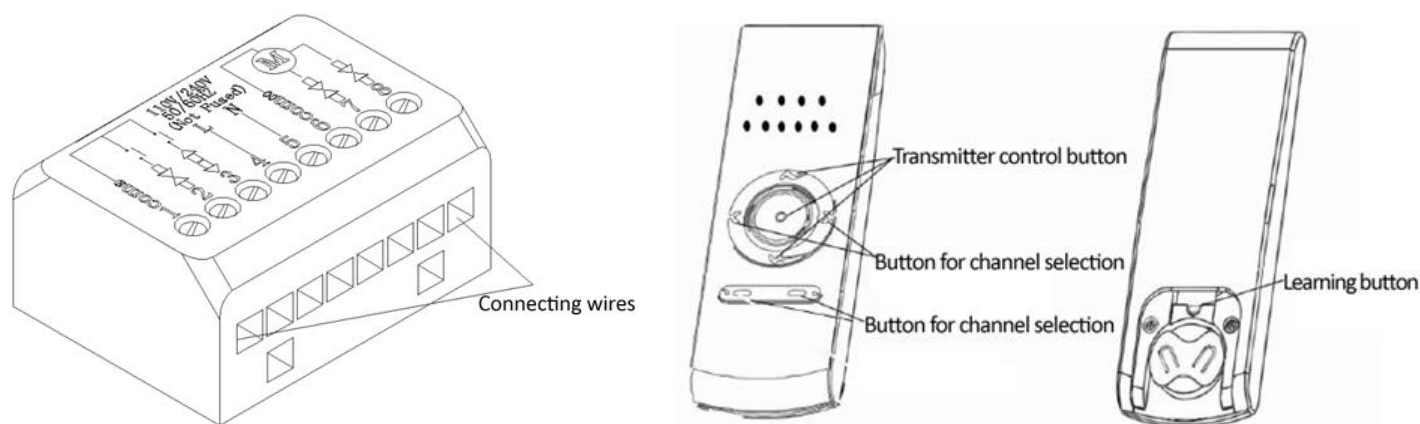


# TM7000 Control user manual



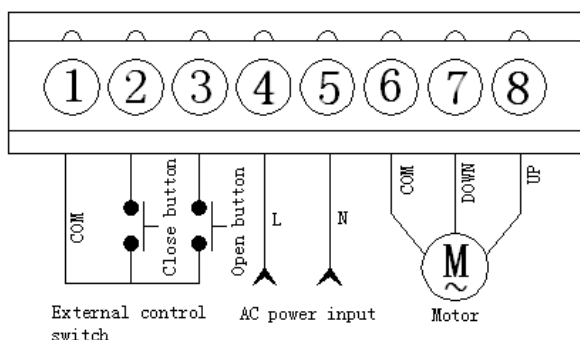
## I. Safety Instruction

- 1 For security, please read the instructions carefully before initial operation; making sure the power is off before connection.
- 2 Don't touch any part of the product including antenna after power on to avoid electric shock.
- 3 Please clear the memory before initial operation. (Ref. Erasing ALL learned / memorized transmitters )
- 4 Do not learn the remote control when the motor is operating in order to avoid mis-operation.
- 5 The received signal may be interfered by other communication devices. (e.g. the wireless control system with the same frequency range)
- 6 It is forbidden to control the high-risk coefficient equipment / system. (e.g. cranes)
- 7 It is used only for the manual remote control and wireless control equipment / system which must not endanger life or property during running failure, or its security risks have been eliminated.

## II. Technical parameters:

1. Working voltage: 85-265VAC (220V or 110V could be selected depending on the motor)
2. Temperature range: -20℃ to 60℃
3. Loading capacity: 0.5HP, 250V
4. Built-in fuse: No fuse
5. Working frequency: 433.92MHz
6. Transmitter stored: 30pcs
7. Mother transmitter can be learned automatically when power on, child transmitter can be learned with mother transmitter.
8. It can connect external control switch (open, close)
9. Press STOP and UP button of mother transmitter for about 8 seconds can change the running direction of motor.
10. Press STOP and DOWN button of mother transmitter for about 8 seconds can adjust the max running time of motor.
11. Size: 45\*33\*20

## III. Connection Instruction



### As shown in the pic:

- 1: 【4\5】 for working voltage 110VAC/220VAC (voltage is optional according to motor);
- 2: 【6\7\8】Connector for motor wires; 【6】Connector for motor common port; 【7】 Connector for motor running port 1; 【8】 Connector for motor running port 2;
- 3: 【1\2\3】 Connector for external control switch; 【1\2】 Connector for close button; 【1\3】 Connector for open button, external control normally open.

## IV. Operation Instruction

- Learning transmitters (T7 transmitter's learning button is the button at the back, T6 transmitter's learning button is button 4; this is build-in controller, it learns the mother transmitter when power on)

## Definition of learning button

Outside controller	With a individual learning button	
Build-in controller	With external button	External button could be the learning button;it's loop button when press it less than 2 seconds ,it's learning button when press it more than 2 S
	Without external button	Mother transmitter could be learned when power on
T7 transmitter	The button on the back is the learning button	

## Learning mother transmitter by power on

Descriptions	Starting act	Acting object	Time	Feedback		Follow-up actions	feedback		Status
				Buzzer	Motor		buzzer	motor	
A: Preparation	Power off	Built-in controller	appr 10S						
	Keep pressing after 10S	Learning button on the new transmitter	continual						
B: Add mother transmitter	Power on	Built-in controller	appr 2S	Make a drastic noise	Shake 2 times	Release the button	One long beeps	Shake 3 times	New transmitter has been learned into the controller as mother transmitter and erase all other transmitters

## Learning by transmitter

Descriptions	Starting act	Acting object	Time	Feedback		Follow-up actions	Feedback		Status
				Buzzer	Motor		Buzzer	Motor	
A: Get in the learning status	Short press	Learning button of mother transmitter	appr 2S	Make a slight noise	Shake 1 time	If release the button	Stop noising	Shake 3 times	get in the learning status
						If not release the button			ready for B
B: Delete all child transmitter	Long press	Learning button of mother transmitter	appr 8S	Make a drastic noise	Shake 2 times	If release the button	One long beeps	Shake 3 times	delete all child transmitter,quit learning status after that
						If not release the button			Waiting for releasing the button
After getting in the status	Follow-up actions								
C: Add the child transmitter	Short press	Learning button of new transmitter	appr 2S	Make a slight noise	Shake 1 time	If release the button	One long beeps	Shake 3 times	New transmitter memorised into the controller as child transmitter.If the number of learning transmitter is full, no shake;if the transmitter has been already memorised before,no shake .Quit learning status after that
						If not release the button			ready for D
D: Add the mother transmitter	Long press	Learning button of new transmitter	appr 8S	Make a drastic noise	Shake 2 times	If release the button	One long beeps	Shake 3 times	New transmitter memorised into the controller as mother transmitter,quit learning status after that
						If not release the button			Waiting for releasing the button
E: Quit the status							One long beeps	no shake	quit learning status if not receive the signal from the transmitter in 10 secs or fails learning

## Changing running direction and max running time of motor

Descriptions	Starting act	Acting object	Time	Feedback		Follow-up actions	Feedback		Status
				Buzzer	Motor		Buzzer	Motor	
A:Changing running direction	Keep pressing two buttons	Mother transmitter STOP+UP buttons	appr 8S	Make a drastic noise	Shake 2 times	If release the button	One long beeps	Shake 3 times	Direction changed
						If not release the button			Waiting for releasing the button
B:Set up max running time	Keep pressing two buttons	Mother transmitter STOP+DOWN buttons	appr 8S	Make a slight noise		Keep counting till release	One long beeps	Shake 3 times	Record running time as 5S if less than 5S;record 100S if more than 100S;record remaining time as what the timer counts

## 2. Operation Instruction

